

INTERNATIONAL SEARCH REPORT

International application No.

PCT/AU03/01275

A. CLASSIFICATION OF SUBJECT MATTERInt. Cl. ⁷: F02C 3/04, 3/22, 7/08, 9/40

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

AU: IPC F02C 3/04, 3/22, 7/08, 9/40

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

DWPI: IPC (F02C 003/22 OR F02C 009/40) AND CATALYTIC AND COMBUSTION AND TURBINE AND COMPRESSOR AND (METHANE OR GAS)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6393821 B (PRABHU) 28 May 2002 Whole document, in particular, claim 19 and figure 1	1-33
Y	Derwent Abstract Accession No. 95-295555/39, Class Q52 Q73 JP 7190373 A (HONDA MOTOR CO LTD) 28 July 1995 Whole Abstract	1-33
Y	US 4067190 A (HAMM et al) 10 January 1978 Whole document, in particular, column 2 line 43 to column 3 line 17	1-33

☒ Further documents are listed in the continuation of Box C☒ See patent family annex

* Special categories of cited documents:	
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier application or patent but published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search
13 November 2003

Date of mailing of the international search report 18 NOV 2003

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 1010947 A (UNITED TECHNOLOGIES CORPORATION) 21 June 2000 Whole document, in particular, claims 1 & 6 and figure 2	1-33
Y	WO 01/42636 A (EXXON CHEMICAL PATENTS INC.) 14 June 2001 Whole document, in particular, claims 1 & 6	1-33
Y	WO 01/42400 A (EXXON CHEMICAL PATENTS INC.) 14 June 2001 Whole document, in particular, claim 12	1-33
NOTE:	Disclosure in citation 1 when combined with the disclosure in any of the citations 2 to 4 and with the disclosure in any of the last two citations, make the application defined in claims 1-33 obvious.	

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/AU03/01275

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report		Patent Family Member					
US	4067190	AR	207091	BE	846721	CA	1053012
		GB	1515603	JP	52043014		
WO	0142636	AU	20935/01	EP	1238188	US	6585784
		US	2003188536				
WO	0142400	AU	22595/01	EP	1240279	US	6298652
		US	2002014068	US	2003084668		
END OF ANNEX							